

Form PTO-1449 (Modified)		Atty Docket No. FRYHP0130US	Serial No. 10/523,036
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>		Applicant: Emilio Palomares Gil et al.	
(Use several sheets if necessary)		Filing Date 2/2/05	Group

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Sub-class	Filing Date if Appropriate
	4,579,594	04/1986	Nanao et al.			
	4,842,888	06/1989	Haluska et al.			
	5,612,082	03/1997	Azuma et al.			
	5,637,346	06/1997	Moriyama et al.			
	5,811,153	09/1998	Hashimoto et al.			
	5,814,137	09/1998	Blohowiak et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub-class	Translation	
						Yes	No
	0 374 754	06/1990	EP				
	0 513 821	11/1992	EP				
	0 564 866	10/1993	EP				
	0 650 187	04/1995	EP				
	0 674 019	09/1995	EP				
	0 939 434	09/1999	EP				
	95/16060	06/1995	WO				
	98/28466	07/1998	WO				
	99/05712	04/1999	WO				

## OTHER ART

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
	Palomares, Emilio et al. "Slow Charge Recombination in Dye-Sensitised Solar Cells (DSSC) Using $\text{Al}_2\text{O}_3$ Coated Nanoporous $\text{TiO}_2$ Films." <u>Chemical Communications</u> . 14 (7/21/2002): 1464-1465.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.P./

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
	Ichinose, Iaumi et al. "Stepwise Adsorption of Metal Alkoxides on Hydrolyzed Surfaces: A Surface Sol-Gel Process." <u>Chemistry Letters</u> . 25.10 (1996): 831-832.
	Ichinose, Iaumi et al. "A Surface Sol-Gel process of TiO <sub>2</sub> and Other Metal Oxide Films With Molecular Precision." <u>Chemistry of Materials, American Chemical Society</u> . 9.6 (1997): 1296-1298.
	Kay, Andreas et al. "Dye-Sensitized Core - Shell Nanocrystals: Improved Efficiency of Mesoporous Tin Oxide Electrodes Coated with a Thin Layer of an Insulating Oxide." <u>Chemistry of Materials, American Chemical Society</u> . 14.7 (2002): 2930-2935.
	Tennakone, K. et al. "Dye-Sensitized Solid-State Photovoltaic Cells: Suppression of Electron-Hole Recombination by Deposition of the Dye on a Thin Insulating Film in Contact with a Semiconductor." <u>Journal of Electronic Materials</u> . 30.8 (2001): 992-996.
	Palomares, Emilio et al. "Control of Charge Recombination Dynamics in Dye Sensitized Solar Cells by the Use of Conformally Deposited Metal Oxide Blocking Layers." <u>Journal of the American Chemical Society</u> . 125.2 (2003): 475-482.
	Elder, S.H. et al. "The Discovery and Study of Nanocrystalline TiO <sub>2</sub> (MoO <sub>3</sub> ) Core-Shell Materials." <u>Journal of the American Chemical Society</u> . 122.21 (2000): 5138-5146.
	Tennakone, K. et al. "Dye-Sensitized Solid State Photovoltaic Cell Based on Composite Zinc Oxide/Tin (IV) Oxide Films." <u>J. Phys. D: Appl. Phys.</u> . 32 (1999): 374-379.
	Tennakone, K. et al. "Dye-Sensitized Composite Semiconductor Nanostructures." <u>Physica E</u> . 14 (2002): 190-196.

EXAMINER	/Tabatha Penny/ (05/04/2010)	DATE CONSIDERED	05/04/2010
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#### Information Disclosure Statement PTO-1449 (Modified)

The identification of any reference is not intended to be, and should not be understood as being, an admission that such publication, in fact, constitutes "prior art" within the meaning of applicable law since, for example, a given reference may have a later effective date than first seems apparent or the reference may have an effective date which can be antedated. The "prior art" status of any reference is a matter to be resolved during prosecution.  
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